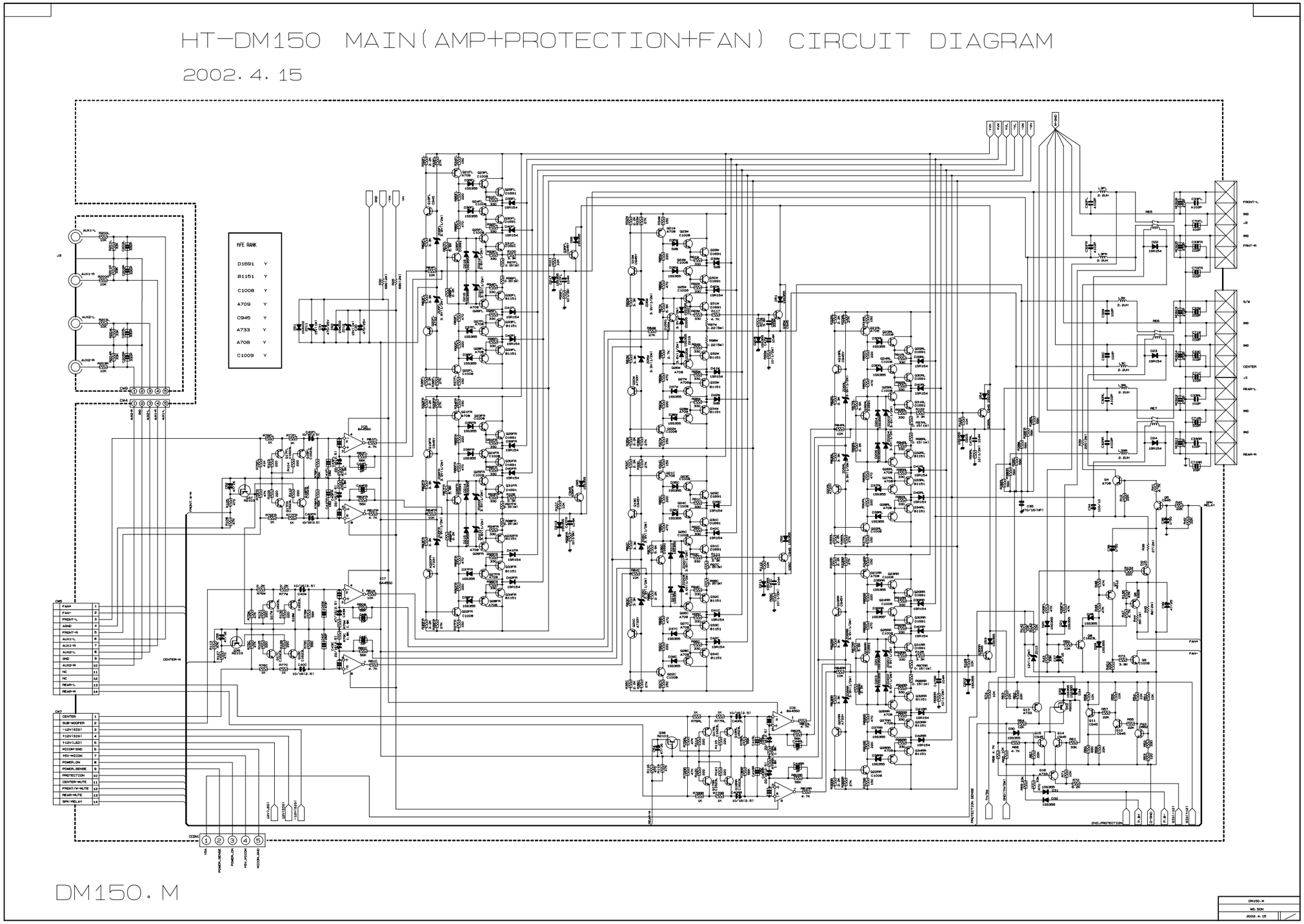
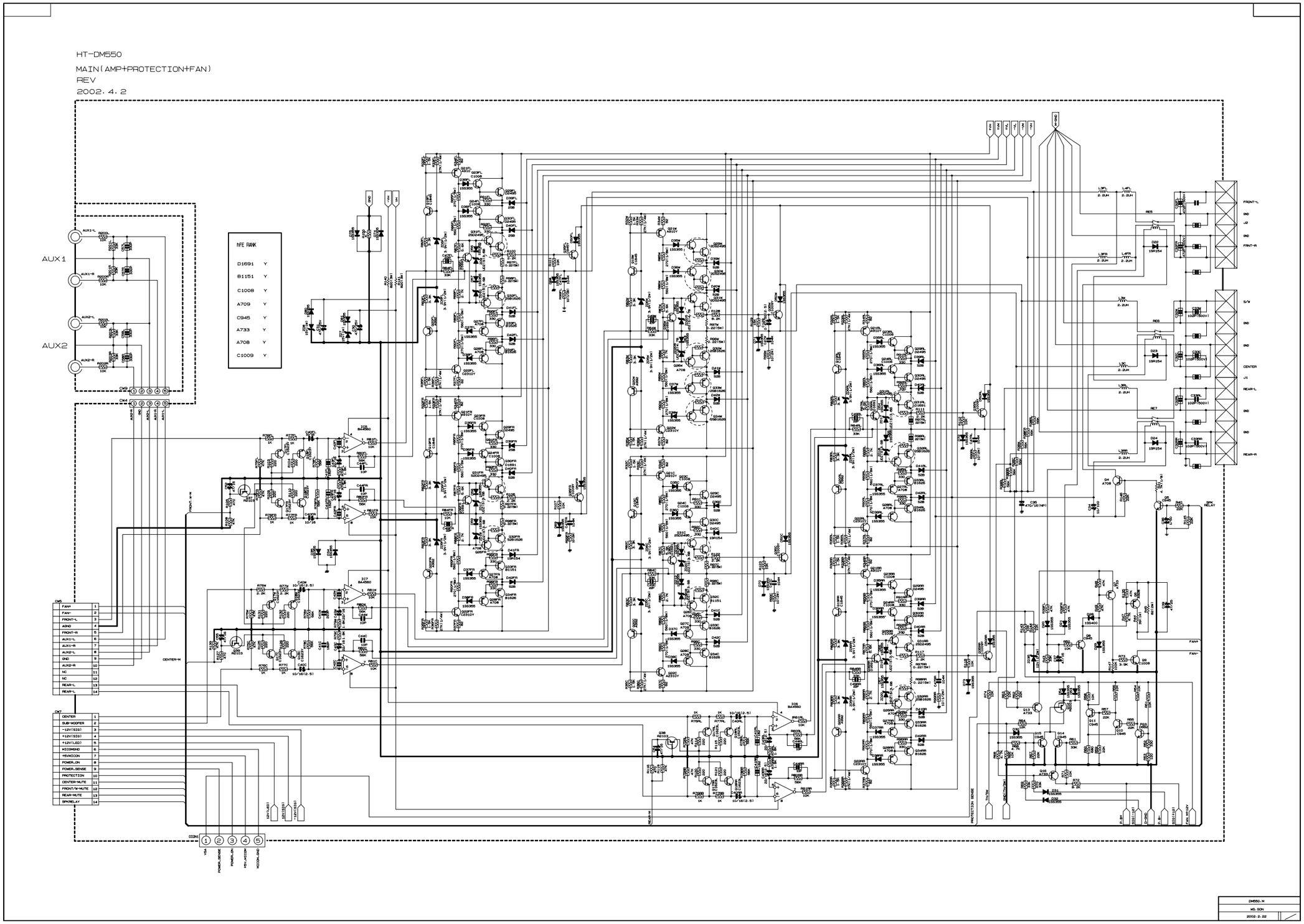
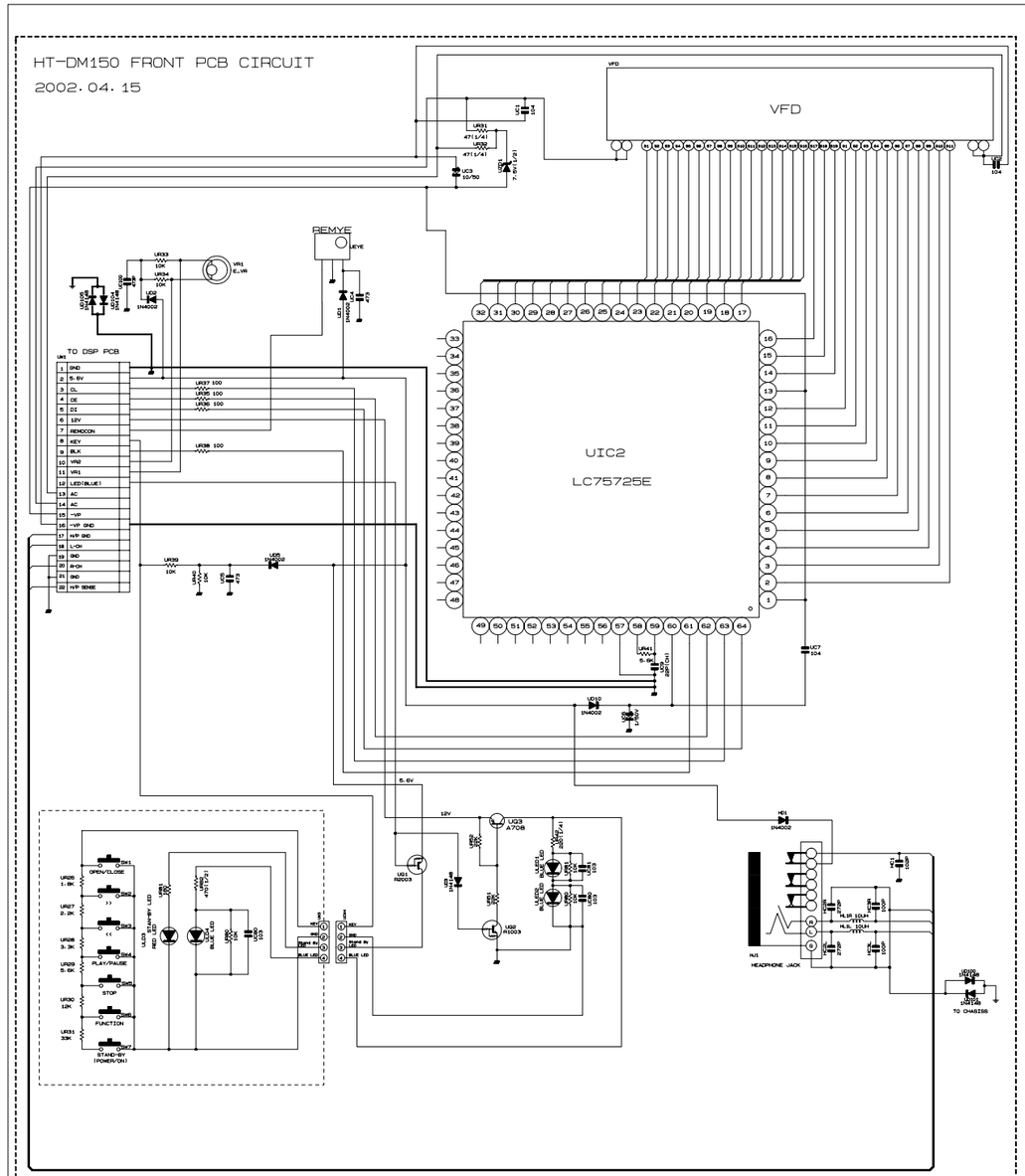
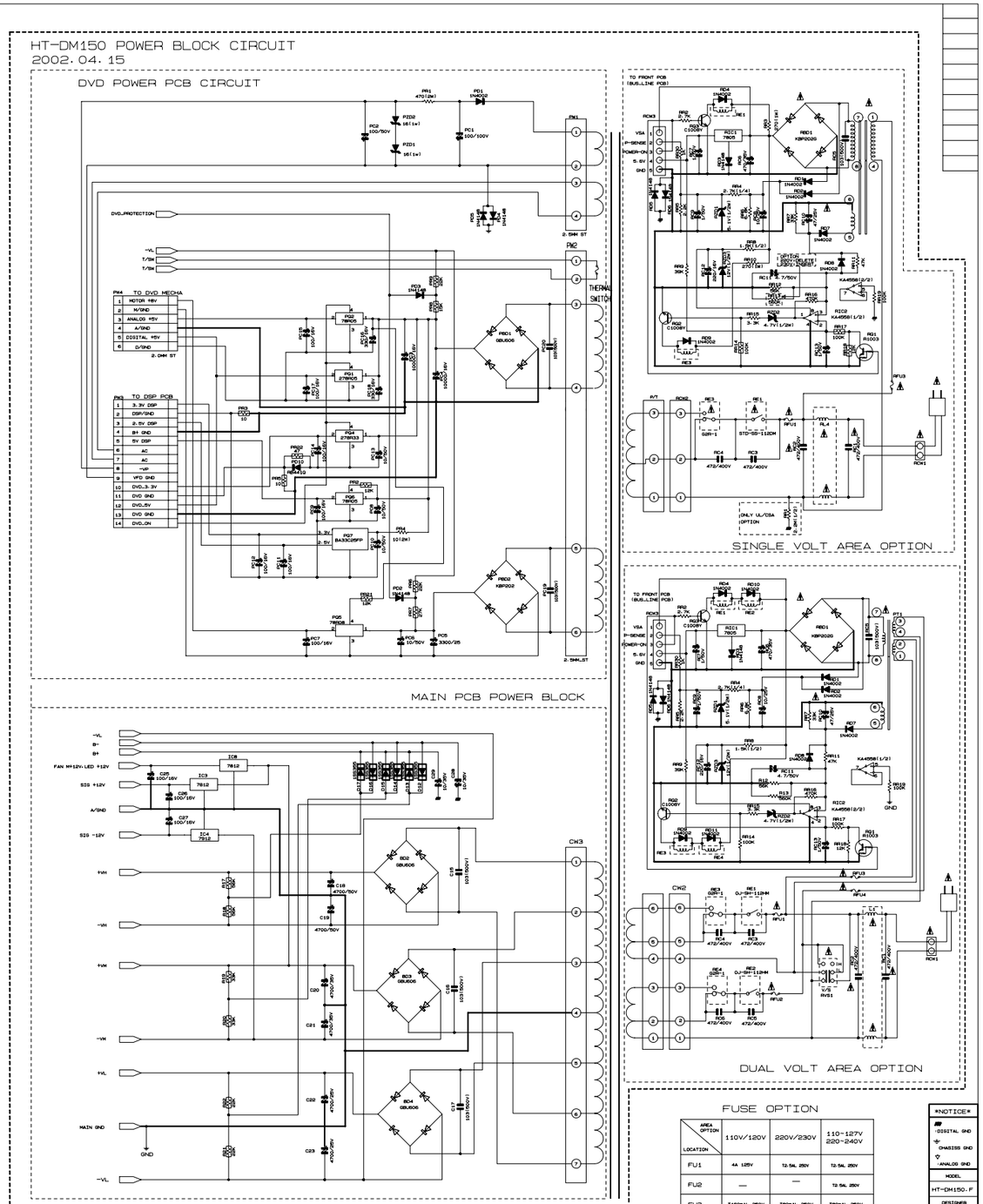
7. Schematic Diagram

7-1-1 MAIN ; HT-DM150

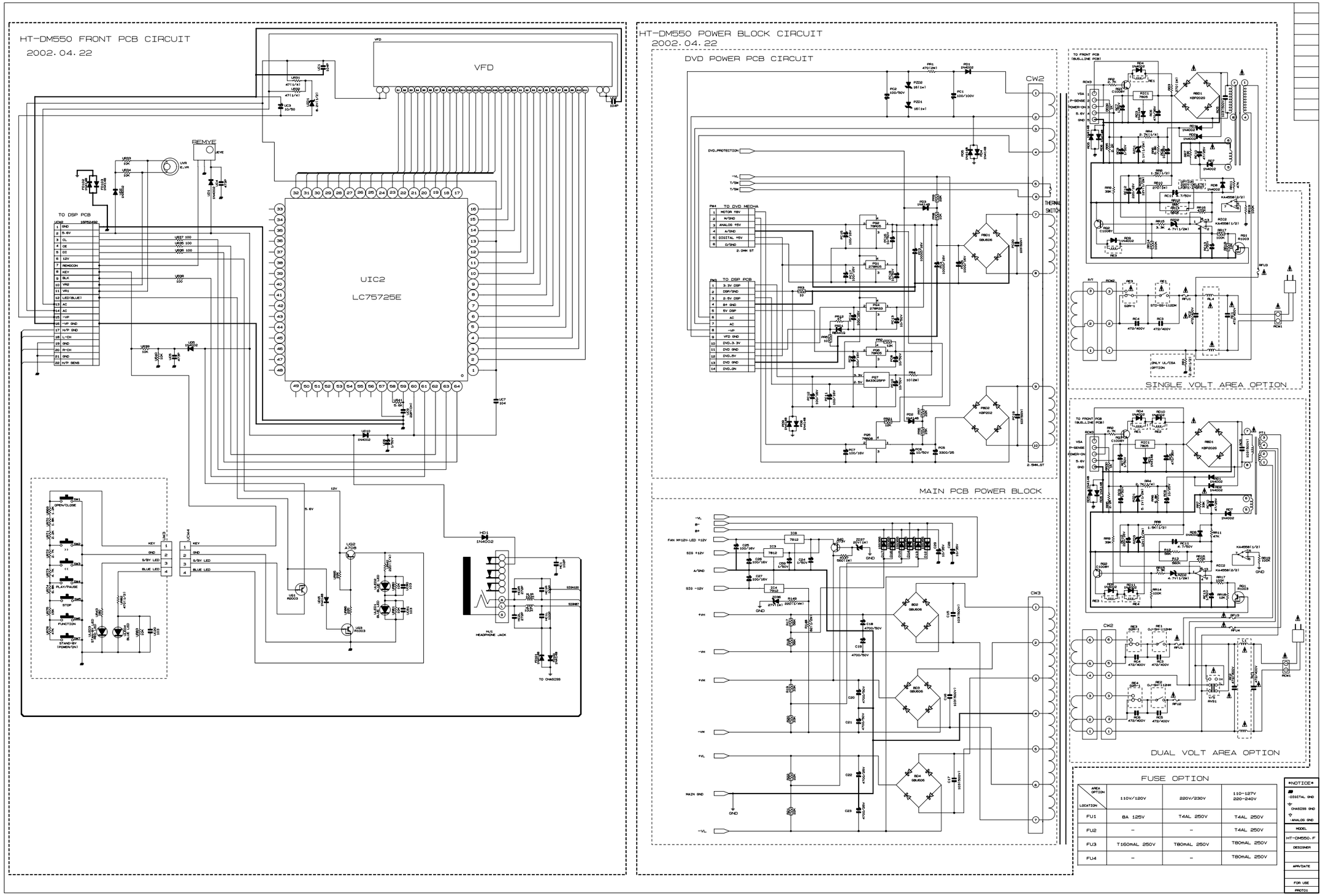


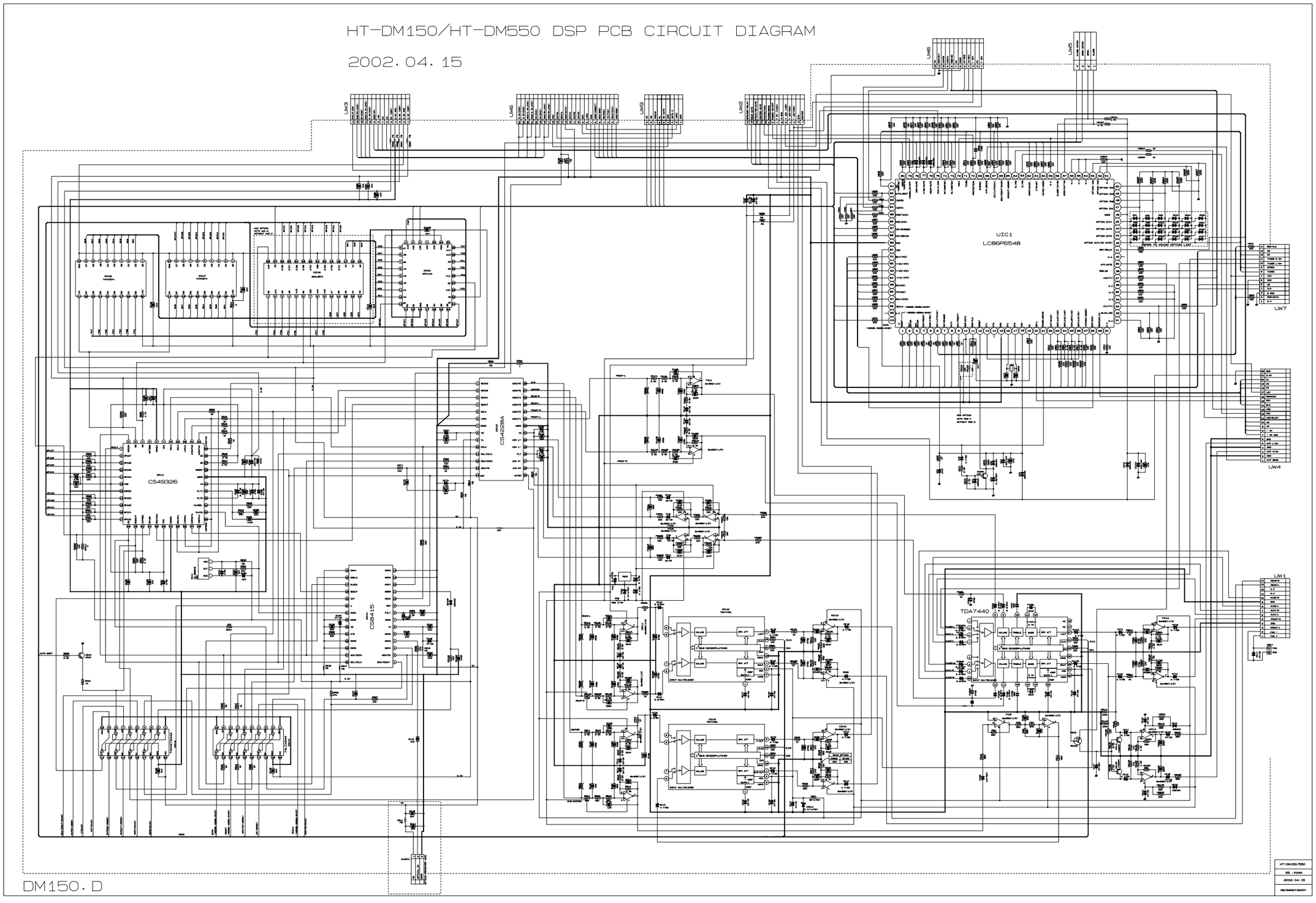

HT-DM550
MAIN(AMP+PROTECTION+FAN)
REV
2002.4.2
hFE RANK
D1691 Y
B1151 Y
C1008 Y
A709 Y
C945 Y
A733 Y
A708 Y
C1009 Y
AUX1
AUX2
CN4
CN5
CN7
CN2
CENTER-M
FRONT-L
GND
FRONT-R
S/W
CENTER
REAR-L
REAR-R
FAN+
FAN-
PROTECTION SENSE
DM550-M
MS-SON
2002-2-22

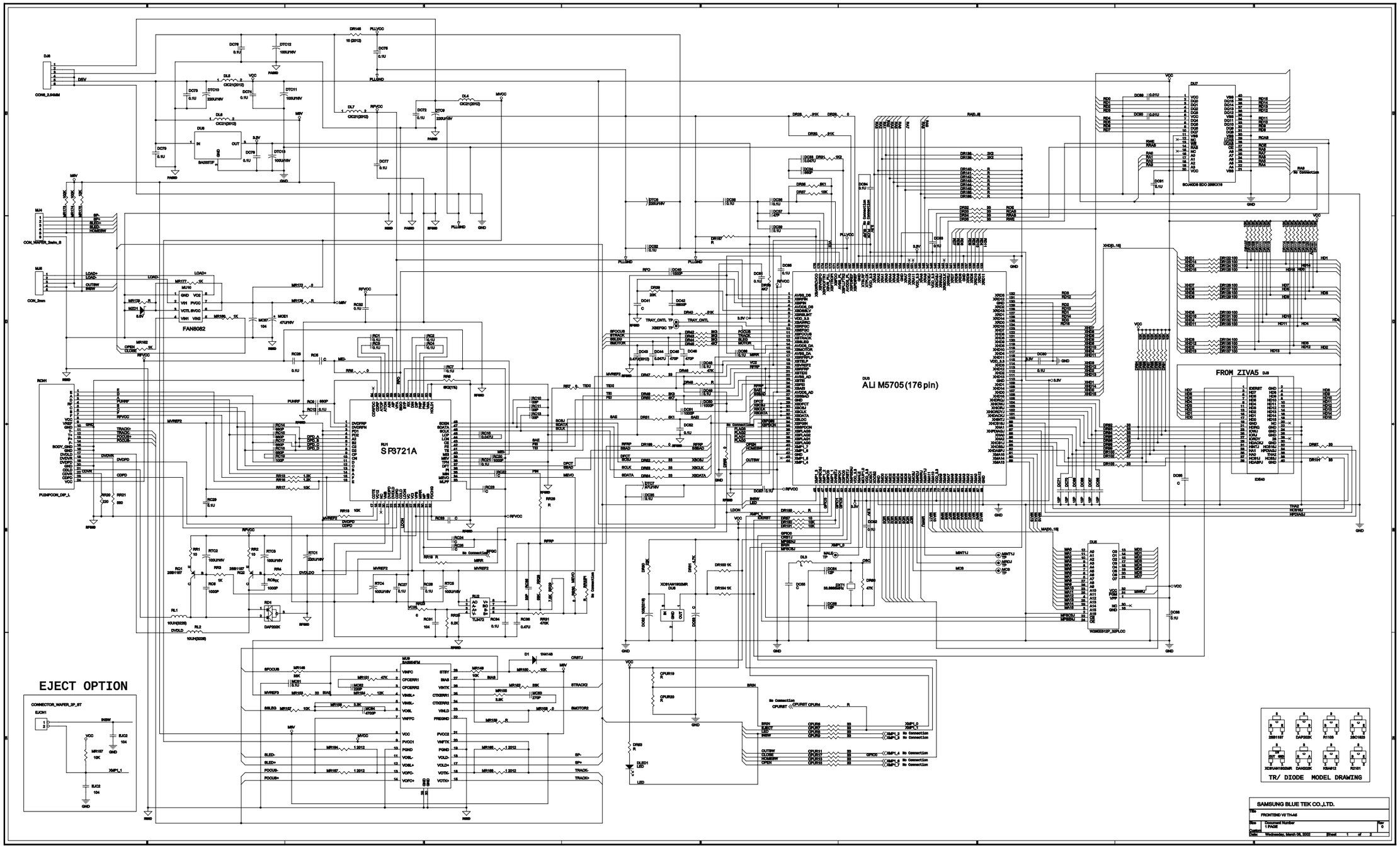


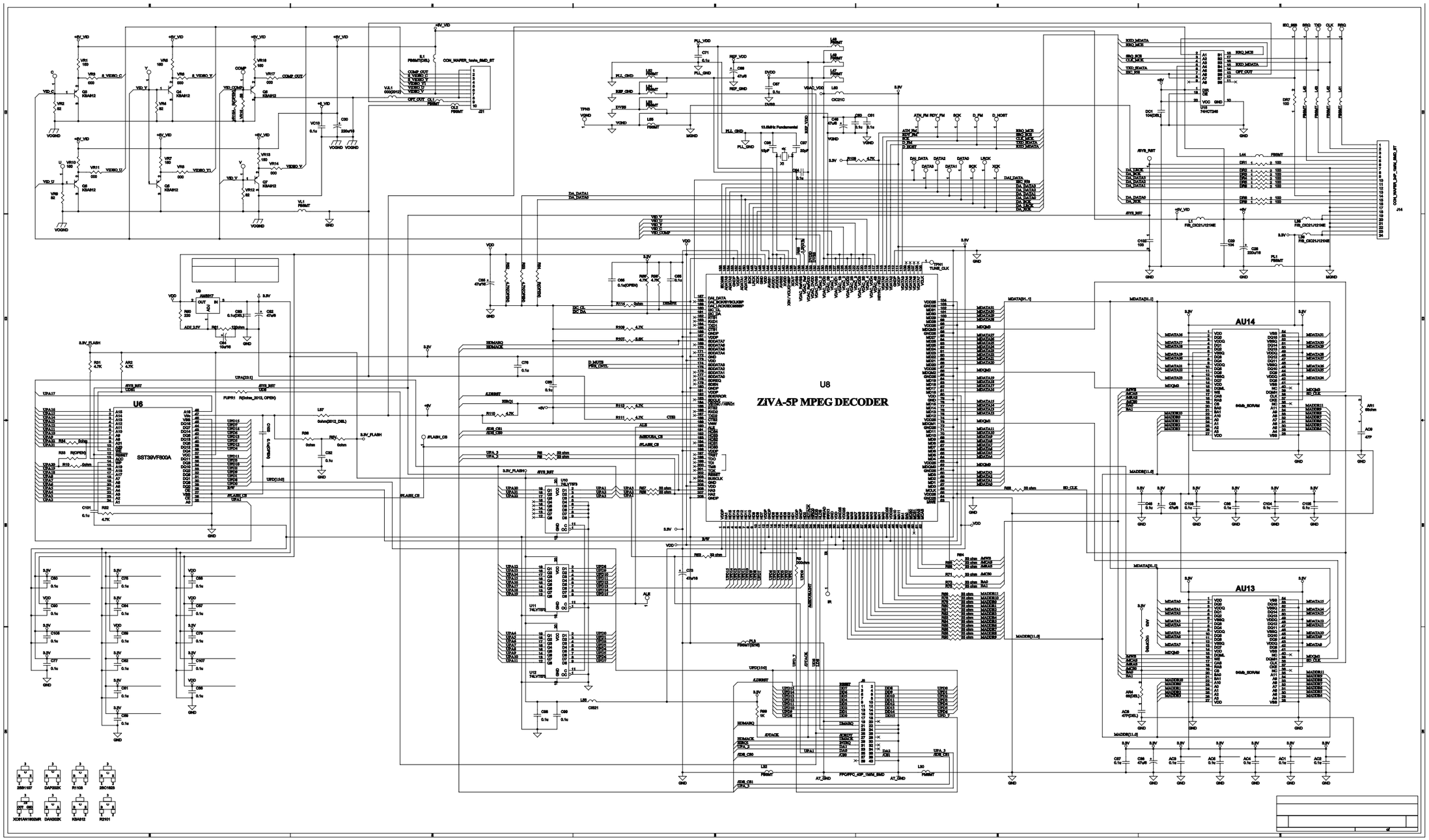


AREA OPTION / LOCATION	110V/120V	220V/230V	110-127V 220-240V
FU1	4A 125V	T2.5AL 250V	T2.5AL 250V
FU2	—	—	T2.5AL 250V
FU3	T160MAL 250V	T80MAL 250V	T80MAL 250V
FU4	—	—	T80MAL 250V


HT-DM550 FRONT PCB CIRCUIT
2002.04.22
VFD
REMYE
UIC2
LC75725E
TO DSP PCB
KEY
GND
5/BY LED
BLUE LED
SW1 OPEN/CLOSE
SW2
SW3
SW4 PLAY/PAUSE
SW5 STOP
SW6 FUNCTION
SW7 STAND-BY (POWER-ON)
UQ1 RD203
UQ2 A733B
UQ3 RD203
HJ1 HEADPHONE JACK
TO CHASSIS
HT-DM550 POWER BLOCK CIRCUIT
2002.04.22
DVD POWER PCB CIRCUIT
CW2
DVD_PROTECTION
THERMAL SWITCH
TO DVD MECHA
TO DSP PCB
MAIN PCB POWER BLOCK
CW3
FAN M+12V-LED +12V
SIG +12V
A/GND
SIG -12V
MAIN GND
TO FRONT PCB (BUS_LINE PCB)
SINGLE VOLT AREA OPTION
DUAL VOLT AREA OPTION
FUSE OPTION
AREA OPTION / LOCATION
110V/120V
220V/230V
110~127V 220~240V
FU1 8A 125V T4AL 250V T4AL 250V
FU2 – – T4AL 250V
FU3 T160mAL 250V T80mAL 250V T80mAL 250V
FU4 – – T80mAL 250V
NOTICE
-DIGITAL GND
-CHASSIS GND
-ANALOG GND
MODEL
HT-DM550.F
DESIGNER
APP/DATE
FOR USE
PROTO1


HT-DM150/HT-DM550 DSP PCB CIRCUIT DIAGRAM
2002.04.15
UIC1
LC86P6548
CS49326
CS8415
CS4228A
TDA7440
UW1
UW2
UW3
UW4
UW5
UW6
UW7
DM150.D

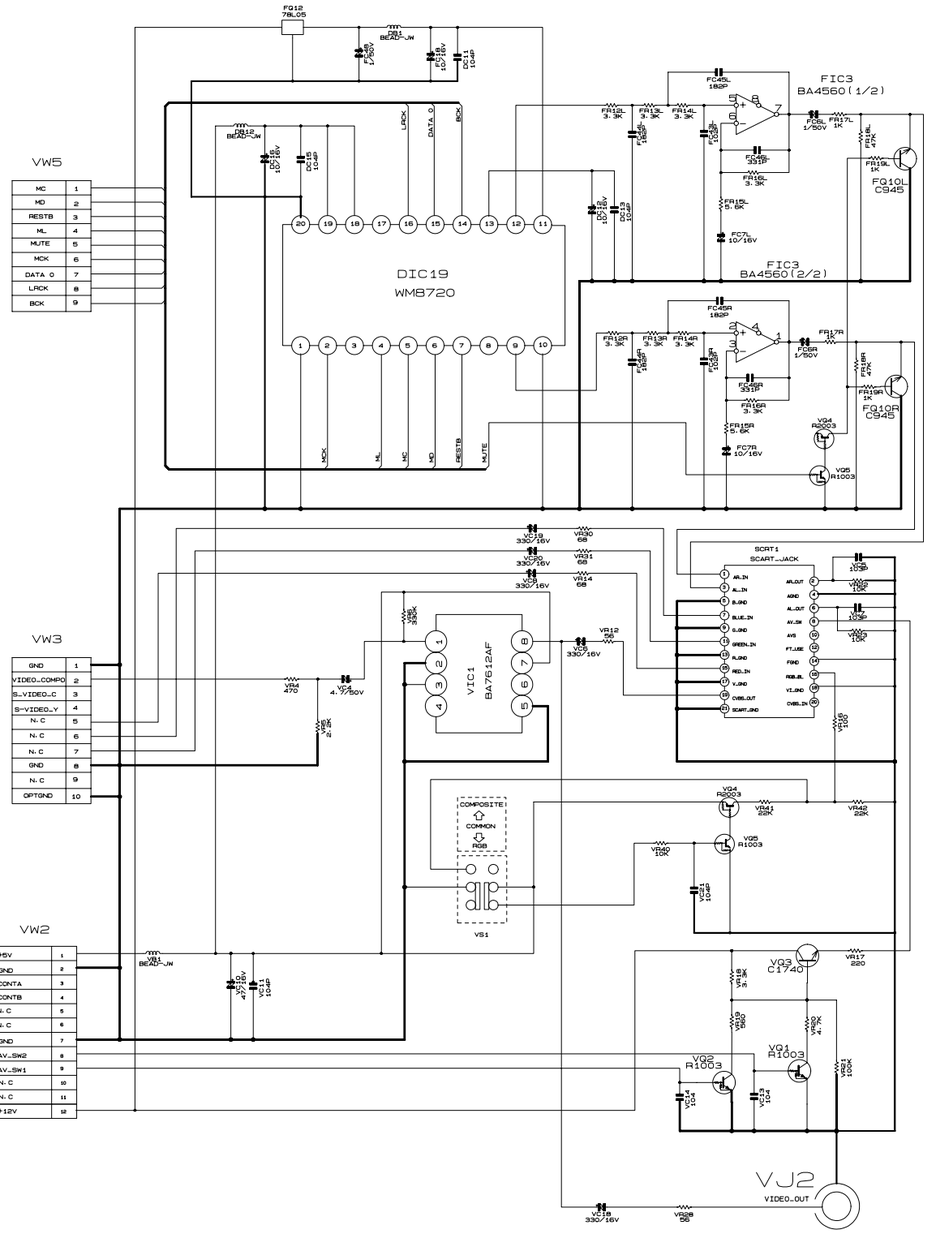

SP9721A
ALi M5705(176 pin)
FAN8082
FROM ZIVA5
EJECT OPTION
TR/ DIODE MODEL DRAWING
SAMSUNG BLUE TEK CO.,LTD.
FRONTEND W/ TH-A6
1 PAGE
Wednesday, March 06, 2002


U8
ZiVA-5P MPEG DECODER
U6
SST39VF800A
AU14
AU13
64Mb_SDRAM
U10
74LVT573
U11
74LVT573
U12
74LVT573
U9
AMS1117
U5
74HC7246
U1
FIR_CIC21/121NE
U7
FFC/FPC_40P_1MM_BMD
CON_WAFER_2P_1MM_BMD_ST
CON_WAFER_5mm_BMD_ST
SDRAM_ADDR
SDRAM_DATA
MDATA[31..0]
MADDR[11..0]
DA_DATA1
DA_DATA0
ATAPI_PW_RDY_FM
ATAPI_PW_RST_FM
D_FM
D_HOST
XIN1
TUNE_CLK
FLASH_CS
AUDIO_CS
SDRAM_CS
ZIVA_CS
3.3V_FLASH
AVS_RST
VDD
GND
VGND
MGND
ADSP-21065L
DAP202K
R1108
2SC1623
XC61AN1902MR
DAP402K
KSA812
R2101
2SB1197

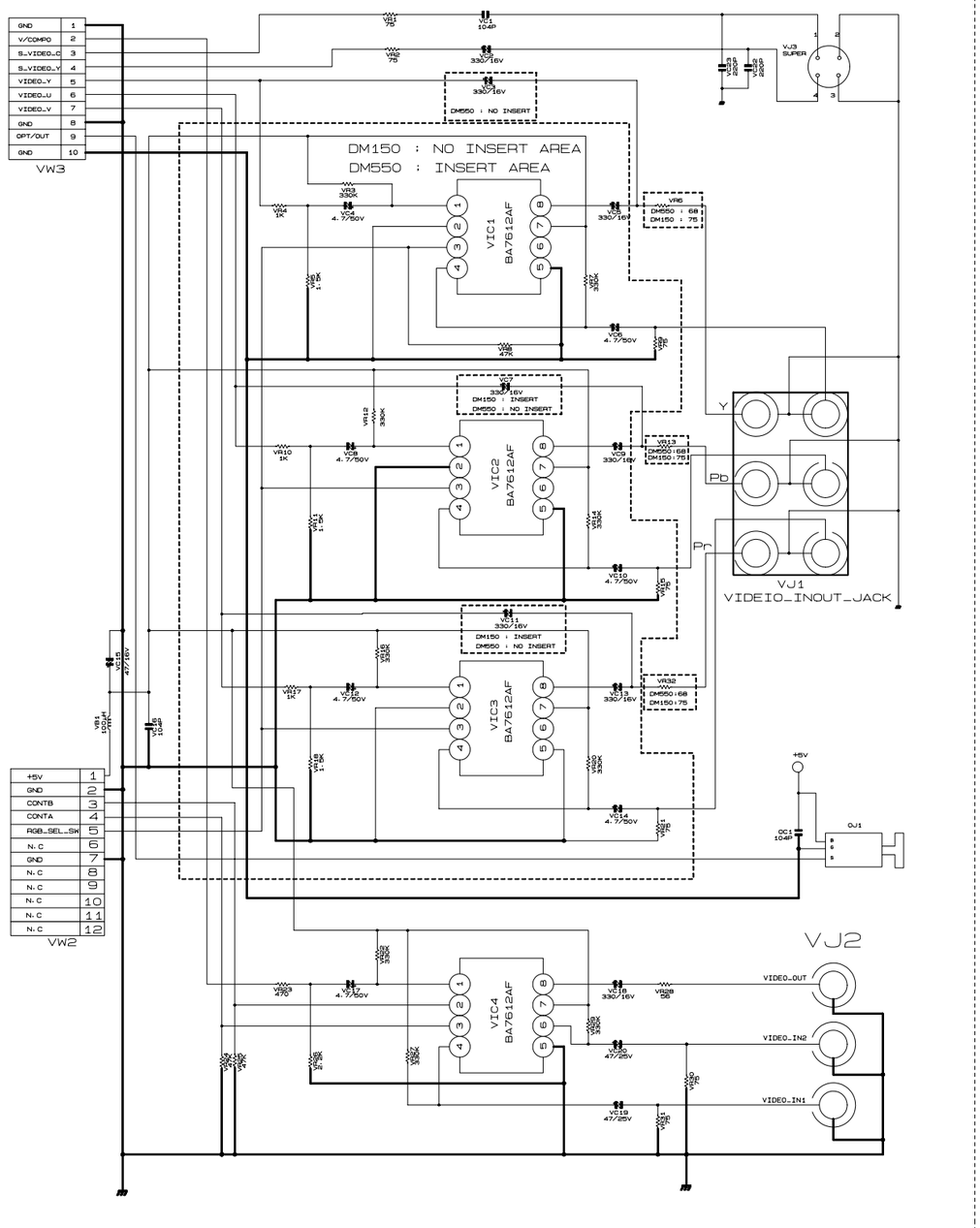
HT-DM150/550.J

2002.04.15

SCART JACK



RCA JACK



DM150.J

HT-DM150/550.J	
S.S.KWAK	
2002.04.15	